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(WO/1997/022054) PROCESSOR REDUNDANCY IN A DISTRIBUTED SYSTEM

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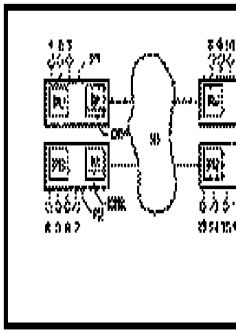
Title: PROCESSOR REDUNDANCY IN A DISTRIBUTED SYSTEM

Abstract: A method of automatically recover from multiple permanent failures of processors in a distributed processor system, in particular a software driven telecommunication system. The method involves the creation of an initial configuration describing each processor and software objects executing thereon, and, for each processor the creation of a catastrophe plan to be followed if the processor has a failure. A catastrophe plan contains information as how to redistribute the software objects executing on the faulty processor to operating processor of the processor system. If a processor goes down its software objects are transferred to operating processors following the catastrophe plan for the faulty processor. A hardware and a of the processor system and its software is presented. A software object that has a hardware handled by the model.



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